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(9) Claim Appendix

1. A computer-based method performed in a first transaction-tax-related application of a first program controlled apparatus, the method comprising:

exchanging transaction-related data with at least a second transaction-tax-related application of a second program controlled apparatus according to a standardized transaction-tax interface data model, wherein the standardized transaction-tax interface data model provides an interface model which enables communications between the first transaction-tax-related application and the second transaction-tax-related application; and

wherein the first transaction-tax-related application uses a first application-specific data model different from the standardized transaction-tax interface data model, the method further comprising mapping data elements of the first application-specific data model to data elements of the standardized transaction-tax interface data model, or vice versa, the mapping includes,

reading an output mapping definition;

deriving source information from the data elements of the first application-specific data model based on the read output mapping definition; and

mapping the source information to the data elements of the standardized transaction-tax interface model.

3. The method set forth in claim 1, being further performed in the second transaction-tax-related application, which uses a second application-specific data model different from the standardized transaction-tax interface data model, the method further comprising:

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mapping data elements which are exchanged according to the standardized transaction-tax interface model to data elements of the second application-specific data model, or vice versa.

5. The method set forth in claim 3, wherein the first and second application-specific data models are different from each other.

6. The method set forth in claim 1, wherein the first transaction-tax-related application uses a first application-specific data model, the first application-specific data model corresponding to the standardized transaction-tax interface data model.

7. A computer-based method performed in a transaction-tax-related data warehouse application, the method comprising:

storing transaction-related data received from at least one transaction-tax-related application in a data warehouse of a program controlled apparatus according to a standardized transaction-tax data warehouse data model;

providing a standardized transaction-tax interface data model as an interface model which enables communications between the transaction-tax-related data warehouse application and the at least one other transaction-tax-related application, the standardized transaction-tax interface data model being different from the standardized transaction-tax data warehouse data model;

mapping transaction-tax-related data elements in a set of transaction-tax-related data elements in the tax-related data warehouse data model with transaction-tax-related data

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elements in a set of transaction-tax-related data elements in the standardized transaction-tax interface data model, the set of transaction-tax-related data elements of the standardized transaction-tax data warehouse data model comprises at least one of, equals and is a subset of the set of transaction-tax-related data elements of a standardized transaction-tax interface data model; wherein the mapping includes,

- reading an output mapping definition;
- deriving source information from the data elements in the tax-related data warehouse data model based on the read output mapping definition; and
- mapping the source information to the data elements in the standardized transaction-tax interface data model.

8. The method set forth in claim 7, further comprising the step of exchanging transaction-related data stored or to be stored in the data warehouse with the other at least one transaction-tax-related application according to a the standardized transaction-tax interface data model.

10. The method set forth in claim 1, wherein at least one of the first and the second transaction-tax-related transaction applications are one of the following modules:

- i) a transaction tax logging module,
- ii) a transaction tax compliance module,
- iii) a transaction tax filing module,
- iv) a transaction tax calculation module,
- v) a transaction tax content module, and

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vi) a transaction tax database for storing transaction-related data.

11. The method set forth in claim 1, wherein at least one of the first and the second transaction-tax-related applications is one of a basic and a micro service module.

12. The method set forth in claim 2, wherein the way the mapping is governed is defined by rules that are configurable by a user.

13. The method set forth in claim 12, wherein the rules are implemented by a lookup table.

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(10) Evidence Appendix

None.

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(11) Related Proceedings Appendix

None.